

PATENT ABSTRACTS OF JAPAN

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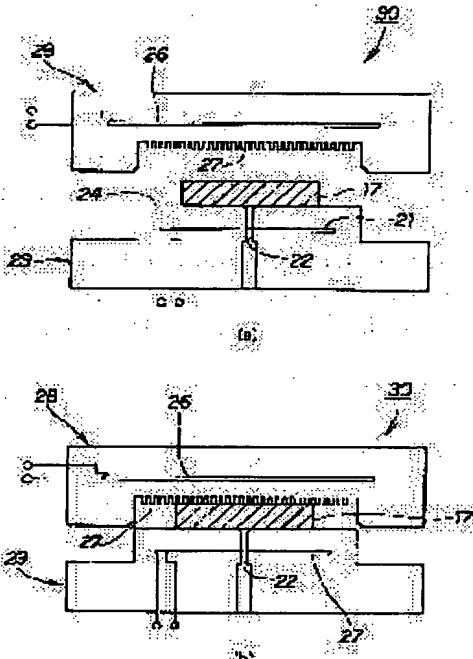
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(54) MOLDING DEVICE OF SEPARATOR FOR FUEL CELL

(57)Abstract:

PROBLEM TO BE SOLVED: To reduce the pressure on a preform in compression molding, and enhance the flatness of a separator, after molding by making the density distribution of the preform almost uniform.

SOLUTION: This molding device of the separator for a fuel cell molds the preform 17, by kneading carbon and thermosetting resin and molding the kneaded material, and forms a separator by compression molding the preform 17 with a separator molding cope 28 and a separator molding drag 23 in the specified shape, then heating to curing temperature. A longitudinal hole 22 for escaping the excess material of the preform 17 in the compression molding is installed, in at least one of the separator molding cope 28 and the separator molding drag 23.



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1. This document has been translated by computer. So the translation may not reflect the original precisely.

2. **** shows the word which can not be translated.

3. In the drawings, any words are not translated.

CLAIMS

[Claim(s)]

[Claim 1] Shaping equipment of the separator for fuel cells characterized by having formed preforming by kneading and fabricating carbon and thermosetting resin, having missed for missing the excess metal of said preforming at the time of compression molding to either [at least] said punch or female mold in the shaping equipment of the separator for fuel cells which fabricates a separator by heating to curing temperature while pressing this preforming into a predetermined configuration with a punch and female mold, and preparing a hole.

[Claim 2] It is shaping equipment of the separator for fuel cells according to claim 1 which misses and is characterized by enabling it to change the volume by said thing [that a hole inserts a rod movable].

[Claim 3] Shaping equipment of the separator for fuel cells according to claim 1 or 2 characterized by said thing [having missed and having prepared the hole in the center section of ***** of said punch and female mold].

[Translation done.]